

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO MODIFY A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0024597-09-1

Permittee: MADISON METROPOLITAN SEWERAGE DISTRICT, 1610 Moorland Rd, Madison, WI, 53713

Facility Where Discharge Occurs: Madison Metropolitan Sewerage District WWTF, 1610 Moorland Road

Receiving Water And Location:

Outfall 001 - Badfish Creek (Lower Badfish Creek Watershed, LR07 - Lower Rock River Basin in Dane County in the SE ¼ of NE ¼ of Sec. 19, T6N, R10E, Town of Dunn at Lat: 42.97119° N / Lon: 89.35259°W

Outfall 005 - Badger Mill Creek (Upper Sugar River Watershed, SP15 - Sugar-Pecatonica Basin) in Dane County in the SW ¼ of NW ¼ of Sec. 13, T6N, R8E, Town of Verona at Lat: 42.99414°N / Lon: 89.50400)

Brief Facility Description : The Nine Springs Wastewater Treatment Plant handles the wastewater from five cities, seven villages and some or all of 10 towns representing 28 separate sanitary districts, all located in Dane County. MMSD has an annual average design flow for Outfall 001 of 50 million gallons per day (MGD) and 3.6 MGD for Outfall 005. Actual flows averaged 40 MGD and 3.3 MGD, respectively. The wastewater receives preliminary, primary and advanced secondary treatment. The advanced secondary treatment system is composed of aeration tanks with selectors and clarifiers. Phosphorus removal is accomplished biologically in this process. Following final clarification, the treated water is disinfected using ultraviolet disinfection on a seasonal basis. Treated effluent is discharged to two receiving streams - Badfish Creek and Badger Mill Creek. Thickened sludges are fed to an acid-phase anaerobic digester process. Following this process the sludge is further anaerobically digested at mesophilic temperatures. A portion of the digested biosolids are then thickened by gravity belt thickeners and temporarily stored before being recycled through land application on agricultural land. A smaller portion of the mesophilically digested biosolids is further digested at thermophilic temperatures to meet EPA time/temperature requirements for Class A Biosolids.

Permit Drafter's Name, Address, Phone and Email: Amy Garbe, DNR, 141 NW Barstow St Rm 180, Waukesha, WI, 53188, (262) 574-2135, Amy.Garbe@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Thomas Meronek, 3911 Fish Hatchery Road, Fitchburg, WI 53711, (608) 575-9976, thomasd.meronek@wisconsin.gov

Proposed Modification: The WPDES Permit for Madison Met is being modified to incorporate a new outfall for land application. Outfall 026 permits use of an off-site, above ground concrete manure storage unit, with an allowable capacity of 2.9 MG, located in the NW ¼, SE ¼, Section 24, T06N, R08E be utilized for storage of liquid biosolids and land applied on nearby fields. Sampling parameters, frequency, and other land application requirements match those of existing land application outfalls. Additionally, two minor typos were corrected within the surface water sections 3.2.1 and 3.2.3. The sample type for dissolved oxygen (for both outfall 003 and 005) has been corrected to continuous instead of grab. A permit section reference within section 3.2.1.8 was also corrected to reflect the correct reference 3.2.2.

The Department has tentatively decided that the above specified WPDES permit should be modified.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Land application of waste shall be done in accordance with permit conditions and applicable codes. All land application sites shall be approved prior to their use. To receive a list of approved sites, or to be notified of potential approvals, contact the above named basin engineer.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above named permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, may be inspected and copied at either the above named permit drafter's office or the above named basin engineer's office,

Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter or basin engineer for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (262) 574-2135 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Permit information is also available on the internet at: <http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME OF PUBLISHING NEWSPAPER: Wisconsin State Journal

ADDRESS OF PUBLISHING NEWSPAPER: 1901 Fish Hatchery Road PO Box 8056, Madison, Wi 53708

Date Notice Issued: Monday, October 26, 2020

STREAMLINED PUBLIC NOTICE VERSION FOR NEWSPAPER

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FOR THE COMPLETE PUBLIC NOTICE AND DETAILS GO TO THE WEB LINK:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>

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The Department may schedule a public informational hearing if requested by any person and shall schedule an informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Information on requesting a hearing is at the above web link.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Information on file for this permit action, including the draft permit, fact sheet and permit application, may be reviewed on the internet at the above web link or may be inspected and copied at the permit drafter's office during office hours. Information on this permit may also be obtained by calling the permit drafter or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.